

PATENT SPECIFICATION

278,502



Application Date: Sept. 14, 1926. No. 22,673/26.

Complete Left: June 11, 1927.

Complete Accepted: Oct. 13, 1927.

PROVISIONAL SPECIFICATION.

An Improved Parallel Ruler.

I, JACK CAPLIN, 36, Morgan Mansions, Morgan Road, Holloway, N. 7, English, do hereby declare the nature of this invention to be as follows:—

5 Reference being made to the accompanying drawing:—

Two bevelled and dimensioned rulers "A" are placed back to back. Two metal bars "B" cross each other diagonally and pivoted in their centres "C" are fastened to the rulers by pivots in the left-hand extremities of the bars "D". On the right-hand extremities of the bars are two large-headed studs "E" running in metal slots "F" (Fig. 2), which are fixed by screws or studs to the rulers "A." In the centre of the

rulers "A" are two large studs "G" and "H" to serve as thumb-and-finger grips when opening and closing parallels. The stud "G" has at the left-side of its base a flat portion on which is engraved a fine clear line "I" (Fig. 2) which corresponds to a scale (enlarged) on the spacer "K." The spacer "K" may be adjusted to different widths (as indicated by scale) and held firmly in position by screw-stud "H." When not required spacer "K" may be swung to the left out of service (Fig. 2), and screw "H" tightened.

Dated the 14th day of September, 1926.

J. CAPLIN.

COMPLETE SPECIFICATION.

An Improved Parallel Ruler.

I, JACK CAPLIN, 54, Siward Road, 35 Masons Hill, Bromley, Kent, late of 36, Morgan Mansions, Morgan Road, Holloway, N. 7, English, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Reference being made to the accompanying drawing:—

Two dimensioned and bevelled rulers 45 "A" are placed back to back. Two metal bars "B" cross each other diagonally and pivoted in their centres "C" are fastened to the rulers by pivots "D" in the left hand extremities of the 50 bars. On the right hand extremities of the bars are two large-headed studs "E" running in metal slots "F" Fig. 2, which are fixed by screws or studs to

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rulers "A." In the centres of the 55 rulers "A" are two large studs "G" and "H" to serve as thumb and finger grips when opening and closing parallels. Beneath stud "G" and flush with face of ruler is a metal piece "I" on which is engraved a fine line "K," Fig. 60 2. This line corresponds to a scale (enlarged) on spacer "L." The spacer may be adjusted to different widths as indicated by scale and held firmly in position by screw-stud "H." When not 65 required spacer may be swung to the left out of service and stud "H" tightened.

I am aware of parallel diagonal movements consisting of diagonally arranged members attached to the ruler members 70 by fixed pivots at one end and sliding pivots at the opposite ends, but not in the particular manner as herein described

and in conjunction with a repetition spacing device.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A parallel ruler provided with two horizontal arms affixed to the parallel members and carrying fixed pivots at adjacent extremities—which hold the diagonal movement—and at the opposite extremities slotted to receive two large-headed studs which are also fixed to the diagonal movement, the ruler members

being somewhat recessed to allow of free sliding movements of the stud-heads, substantially as herein described.

2. A parallel ruler as in Claim 1, and in addition provided with a spacing device consisting of a graduated arm provided with a slot through which passes a stud attaching it to one member of the parallel ruler, the said arm being adapted to co-operate with a marked stop secured to the other member of the ruler, substantially as herein described.

Dated the 11th day of June, 1927.

J. CAPLIN. 30

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FIG. 1.

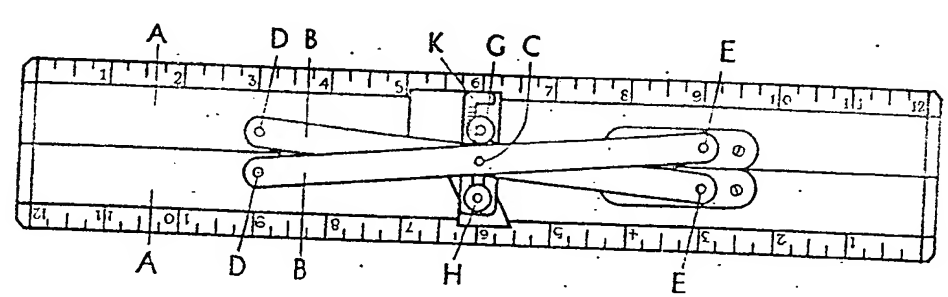
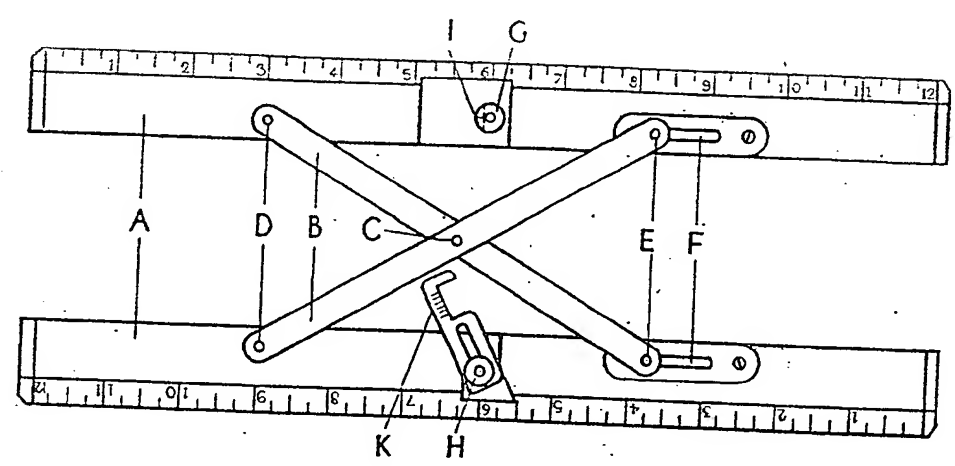


FIG. 2.



[This Drawing is a reproduction of the Original on a reduced scale.]